

Two new species of acontiines from Hong Kong (Lepidoptera, Noctuidae, Acontiinae)

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Abstract *Cerynea discontenta* sp. n. and *Hyposada kadooriensis* sp. n. are described from Hong Kong.

Key words Lepidoptera, Noctuidae, Acontiinae, *Cerynea discontenta* sp. n., *Hyposada kadooriensis* sp. n., Hong Kong, taxonomy.

Introduction

During the course of work to produce a provisional checklist of the Macrolepidoptera of Hong Kong, a number of undescribed species have been found, and will be published gradually. The present paper describes two acontiines.

Cerynea discontenta sp. nov. (Fig. 1)

Male (Fig. 1). Forewing 10 mm. Palps, frons and vertex dark brown; forewing and hindwing pattern very similar to *C. contentaria* (Walker, 1861); ground colour more uniformly brick red (variegated with patches of yellow in *contentaria*); a marginal row of dark spots on the veins, linked by a black marginal line consisting of excurved arcs in each space between veins (*contentaria* has only a row of submarginal spots on the veins); hindwing outer line a row of irregular black spots and blotches, heaviest at the inner margin, where it is edged distally by a prominent yellow streak turning to white at the margin.

Female. Forewing 10 mm; similar to the male.

Male genitalia (Fig 3). Similar in general pattern to *contentaria*, differing primarily in the shape of the sacculus: the ventral edge is straight, the tip trifold, with the first branch strongly curved dorsally (in *contentaria* the ventral edge is curved in a right angle, and the tip unbranched and rounded).

Holotype. ♂, Ng Fai Tin, Hong Kong, 22. viii. 1996, G. Reels, BMNH, BM Noctuid slide

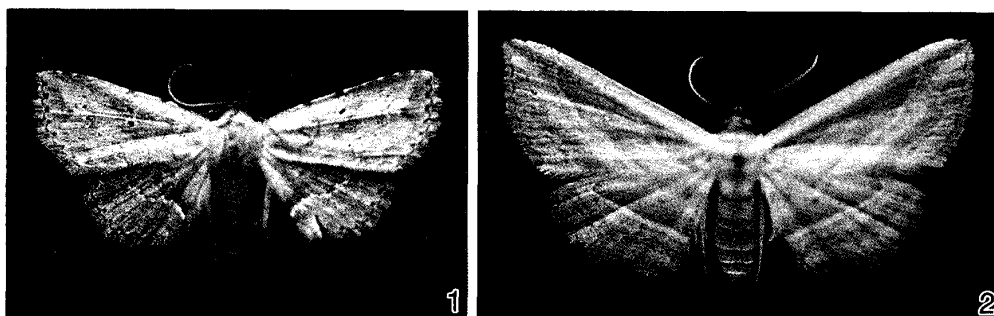


Fig. 1. *Cerynea discontenta* sp. n., ♂.

Fig. 2. *Hyposada kadooriensis* sp. n., ♂.

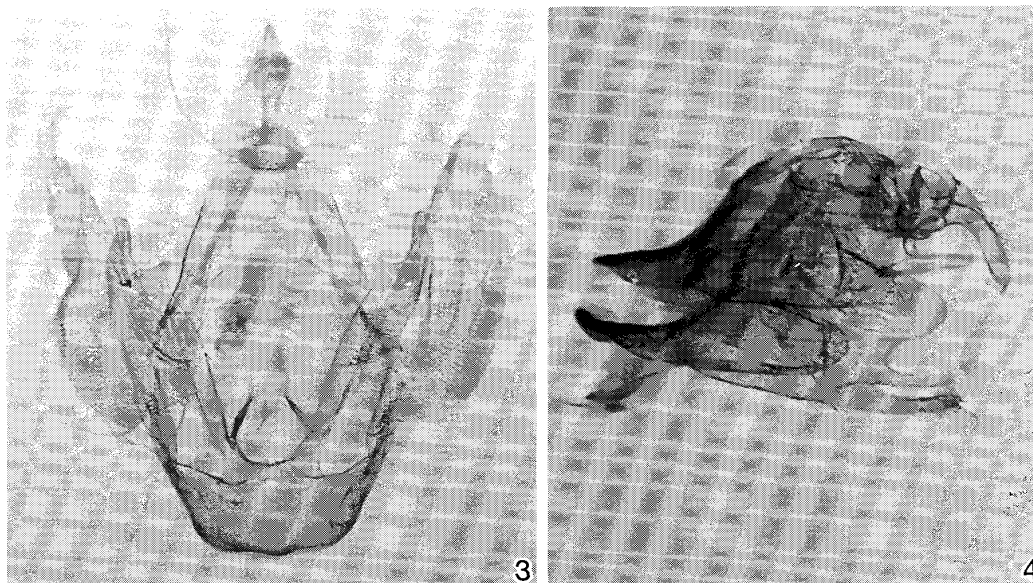


Fig. 3. *Cerynea discontenta* sp. n., male genital capsule.

Fig. 4. *Hypsosada kadooriensis* sp. n., male genital capsule.

no 16098. Paratypes 1 ♂, Ng Fai Tin, Hong Kong, 22. viii. 1996, G. Reels ; 1 ♂, Tai Mo Shan, Hong Kong, 19. ix. 1992, Kent Li ; 1 ♂, Tai Mo Shan, Hong Kong, 2. vii. 1994, Kent Li ; 1 ♀, Tsing Fai Tong, Hong Kong, 23. iv. 1997, G. Reels, all BMNH ; 1 ♂, Ng Fai Tin, Hong Kong, 22. viii. 1996, G. Reels, coll. Hong Kong University ; 1 ♂, Sheko, Hong Kong, viii. 1993, A. C. Galsworthy, coll. A. C. Galsworthy.

Range. Hong Kong.

Remarks. Most closely related to *C. contentaria* (Walker), with which it is sympatric in Hong Kong.

***Hyposada kadooriensis* sp. nov. (Fig. 2)**

Male (Fig 2). Forewing 8 mm. Ground colour of body and wings creamy white, overlaid for the most part with deep vinous pink scales. Palps, frons, vertex and collar pink, with white edge to collar ; thorax white with scattered pink scales, and a dark band at rear ; segments of abdomen pink with dark scales, each segment with a white distal border ; forewing costa straw coloured ; rest of forewing more or less suffused with pink scales, except for a broad band extending from the centre of the rear margin to the apex, narrowing towards the latter, and bordered internally with a darker pink triangular patch at the apex ; a faint crenellated pale submarginal band, bearing black spots on some of the veins ; faint dark discal spot ; hindwing mostly dark pink, with a pale base and a pale indistinct inner line, dotted with some dark scales, and a prominent dark discal spot ; a distinct straight white median line ; an indistinct dark outer band bordered externally with dark spots ; both wings with a pale marginal line, bordered narrowly on the inside with a broken black line.

Female : unknown.

Male genitalia (Fig. 4). Very similar to *H. hirashimai* Sugi, 1982, with a trilobed valve, the ventral lobe being membranous ; however the dorsal lobe in *kadooriensis* is broad and spatulate, instead of narrow as in *hirashimai*.

Holotype. ♂, Lam Tsuen Valley, Hong Kong, 9. xi. 1996, G. Reels, BMNH, BM Noctuid slide no 16426. Paratypes. 1 ♂, Victoria Peak, Hong Kong, viii. 1993, A. C. Galsworthy, BMNH; 1 ♂, Pak Sha O, Hong Kong, 19. iv. 1985, A. Ballantyne, BMNH; 1 ♂, Lam Tsuen Valley, Hong Kong, 15. i. 1997, BMNH; 3 ♂, 11. vi. 1997, 18. vi. 1997, 21. vii. 1997, R. Kendrick, coll. R. Kendrick.

Range. Hong Kong.

Remarks. This species is very similar to *H. juncturalis* (Walker, [1866]), which was described on the basis of a single female from Sierra Leone (BM 42-31, coll. Morgan). I have examined this specimen, which is worn and has lost its abdomen, evidently since Walker's day. Hampson (1910) added two further specimens to the series, a female from Changyang in China (BM 1900-64, coll. A. E. Pratt, vi. 1888, coll. Leech), and a male from Bhutan (BM 95-146, coll. Dudgeon, 8. vii. 1894). The Bhutan male probably belongs to the present species, but it has a gummed, apparently female, abdomen. The Changyang female differs somewhat in pattern, but might be the female of the present species. It is unlikely that these belong to the same species as Walker's female from Sierra Leone, unless the data label on the latter is incorrect (there are some similarly patterned African species). It will be difficult to fix the identity of *juncturalis* unless further material from the type locality can be found.

The species is also quite similar to *H. hydrocampata* (Guenée, 1857), from which it differs most clearly in the presence in the latter of an acute angle in the termen of the hindwing close to the apex. As noted above, it is also closely related to *H. hirashimai* Sugi.

Acknowledgements

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Reference

Hampson, G. F., 1910. *Catalogue of the Lepidoptera Phalaenae in the Collection of the British Museum* 10. xix, 829 pp., pls 148-173. Taylor and Francis, London.

摘 要

香港産コヤガの2新種 (A. C. Galsworthy)

香港から *Cerynea discontenta* sp. n. と *Hyposada kadooriensis* sp. n. を記載した。前者は香港で同所的に分布する *C. contentaria* (Walker) に近縁だが、前後翅の色調、斑紋、♂交尾器 sacculus の形が異なる。後者は日本の *H. hirashimai* Sugi, マエウストガリコヤガに似るが、♂交尾器 valva の形状が異なる。本種はアフリカの Sierra Leone から1♀に基づいて記載された *H. juncturalis* (Walker) にも似るが、タイプ標本の腹部は失われている。ただし、Hampson (1910) が *juncturalis* として記録した中国産1♀とブータン産1♂ (♀の腹部が糊付けされている) は本新種の可能性がある。

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